

EP 775698

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011305170 \*\*Image available\*\*

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New bis-resorcinol-triazine compound having high photostability - is used  
a sun protection compound in cosmetic preparations to protect against  
effects of sunlight UV radiation

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Number of Countries: 020 Number of Patents: 017

Patent Family:

| Patent No     | Kind | Date     | Applicat No  | Kind | Date     | Week     |
|---------------|------|----------|--------------|------|----------|----------|
| EP 775698     | A1   | 19970528 | EP 96810796  | A    | 19961114 | 199726 B |
| DE 1920543730 | A1   | 19970528 | DE 195043730 | A    | 19951123 | 199727   |
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| ZA 9609807    | A    | 19970730 | ZA 969807    | A    | 19961122 | 199735   |
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| KR 97027060   | A    | 19970624 | KR 9656621   | A    | 19961122 | 199825   |
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Priority Applications (No Type Date): DE 195043730 A 19951123

Cited Patents: DE 4340725; EP 165608; EP 531258; GB 2286774; US 4826978; WO 9418278

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
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| EP 775698 | A1 | G | 27 C07D-251/24 |  |
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Designated States (Regional): AT BE CH DE ES FR GB IT LI NL

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| DE 1920543730 | A1 | 19 | C07D-251/24 |  |
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DE 5920610730 G C07D-251/24 Based on patent EP 775698  
ES 2206552 T3 C07D-251/24 Based on patent EP 775698

Abstract (Basic): EP 775698 A

Bis-resorcinol-triazines (I) are new (where R1 and R2 = 3-18C alkyl, 2-18C alkenyl, -CH<sub>2</sub>-CH(OH)-CH<sub>2</sub>-O-T1 or together form -R12-[Si(R13)(R14)-O]<sub>p1</sub>-Si(R13)(R14)(R15); R3 = H, 1-4C alkyl, -(CH CHR -O)-R or -CH<sub>2</sub> CH(OH)-CH<sub>2</sub>-O-T1; R4 = H, M, 1-5C alkyl or -(CH<sub>2</sub>)<sub>n</sub>-O-T1; R12= a direct bond, (un)branched 1-4C alkylene, -CH or -CH<sub>2</sub>-O-; R13,R14,R15 = 1-18C alkyl, 1-18C alkoxy or -O-Si(R16)(R16)R16; R16 = 1-5C alkyl; A=(II), (III) or (IV); T1 = H or 1-8C alkyl; Q = 1-18C alkyl; M = metal cation; m = 1-4; n = 1-6; p = 0,1,2,3,4 or 5).

USE - To protect the human or animal skin against the harmful effects of sunlight UV radiation.

ADVANTAGE - Compound (I) provides excellent protection for the human skin against the harmful effects of UV radiation and has a high photostability.

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Title Terms: NEW; DI; RESORCINOL; TRIAZINE; COMPOUND; HIGH; PHOTOSTABLE; SUN; PROTECT; COMPOUND; COSMETIC; PREPARATION; PROTECT; EFFECT; SUNLIGHT; ULTRAVIOLET; RADIATE

Derwent Class: A96; D21; E19

International Patent Class (Main): A61K-007/42; C07D-000/00; C07D-251/00; C07D-251/22; C07D-251/24

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File Segment: CPI